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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

6

Application Number

10/607,615

Filing Date

June 27, 2003

First Named Inventor

Goodson, Kenneth E.

Art Unit

3753

Examiner Name

McKinnon, Terrell L.

Attorney Docket Number

S243 1020.4

**ENCLOSURES (Check all that apply)**

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> Fee Transmittal Form                             | <input type="checkbox"/> Drawing(s)   | <input type="checkbox"/> After Allowance Communication to TC                            |
| <input type="checkbox"/> Fee Attached                                     | <input type="checkbox"/> Licensing-related Papers                                       | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences     |
| <input type="checkbox"/> Amendment/Reply                                  | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final                                      | <input type="checkbox"/> Petition to Convert to a Provisional Application               | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                        | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Extension of Time Request                        | <input type="checkbox"/> Terminal Disclaimer  | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):         |
| <input type="checkbox"/> Express Abandonment Request                      | <input type="checkbox"/> Request for Refund   | Request for Certificate of Correction; Form PTO/SB/44 (in duplicate); Return Postcard   |
| <input type="checkbox"/> Information Disclosure Statement                 | <input type="checkbox"/> CD, Number of CD(s) _____                                      |   |
|   | <input type="checkbox"/> Landscape Table on CD  |   |
| <input type="checkbox"/> Certified Copy of Priority Document(s)           | <input type="checkbox"/> Remarks  |   |
| <input type="checkbox"/> Reply to Missing Parts/Incomplete Application    |   |   |
| <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 |   |   |

**Certificate  
JAN 10 2007  
of Correction****SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Womble Carlyle Sandridge & Rice, PLLC		
Signature			
Printed name	John A. Timar		
Date	1/5/07	Reg. No.	32,497

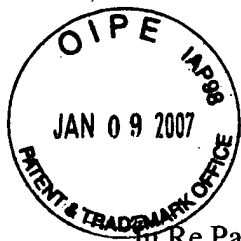
**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Jo M. Jones	Date	01/05/07

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent of: **Goodson, et al.**

U.S. Patent No.: **6,991,024**

Issued: **January 31, 2006**

Name of Assignee: **The Board of Trustees of the Leland Stanford Junior University**

Title: **Electroosmotic Microchannel Cooling System**

Certificate of Corrections Branch  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT  
FOR PTO MISTAKE (37 C.F.R. § 1.322(a))**

The assignee of record, The Board of Trustees of the Leland Stanford Junior University, through its undersigned attorney, respectfully submits this request for Certificate of Correction of patent due to PTO mistake arising during prosecution of the application for the above-referenced patent, pursuant to the provisions of 37 CFR § 1.322(a). The errors sought to be corrected herein are found in claims 1, 2, 3, 4, 31, 40, 44, 49, 51, 58, 78, 94 and 102 of the patent as amended during prosecution of the original application, and it is respectfully submitted that correction of the identified mistakes or errors in the patent would not constitute new matter, nor would it require reexamination of the patent. A Certificate of Correction is therefore respectfully requested.

Attached hereto in duplicate is a form PTO/SB/44 (form PTO/1050) with at least one copy being suitable for printing, setting forth the errors or mistakes sought to be corrected with the present request for Certificate of Correction.

The exact page and line number where the errors are shown correctly in the application file are:

- The error that appears in Claim 1, line 1, is shown correctly in the Applicant's 3/18/2005 Response on page 2, line 7.

- The error that appears in Claim 1, line 9, is shown correctly in the Applicant's 3/18/2005 Response on page 2, line 13.
- The error that appears in Claim 2, line 1, is shown correctly in the Applicant's 3/18/2005 Response on page 3, line 3.
- The error that appears in Claim 2, line 2, is shown correctly in the Applicant's 3/18/2005 Response on page 3, line 4.
- The error that appears in Claim 3, line 1, is shown correctly in the Applicant's 3/18/2005 Response on page 3, line 13.
- The error that appears in Claim 4, line 1, is shown correctly in the Applicant's 3/18/2005 Response on page 3, line 18.
- The error that appears in Claim 31, line 1, is shown correctly in the Applicant's 3/18/2005 Response on page 9, line 14.
- The error that appears in Claim 40, line 5, is shown correctly in the Applicant's 3/18/2005 Response on page 11, line 14.
- The error that appears in Claim 44, line 2, is shown correctly in the Applicant's 3/18/2005 Response on page 7, line 12.
- The error that appears in Claim 49, line 3, is shown correctly in the Applicant's 3/18/2005 Response on page 13, line 7.
- The error that appears in Claim 49, line 13, is shown correctly in the Applicant's 3/18/2005 Response on page 13, line 13.
- The error that appears in Claim 51, line 7, is shown correctly in the Applicant's 3/18/2005 Response on page 14, line 12.
- The error that appears in Claim 58, line 2, is shown correctly in the Applicant's 3/18/2005 Response on page 16, line 10.

- The error that appears in Claim 78, line 3, is shown correctly in the Applicant's 3/18/2005 Response on page 21, line 2.
- The error that appears in Claim 94, line 1, is shown correctly in the Applicant's 3/18/2005 Response on page 24, line 13.
- The error that appears in Claim 102, line 4, is shown correctly in the Applicant's 3/18/2005 Response on page 26, line 18.


Since the errors sought to be corrected in the patent under the present request for Certificate of Correction are believed to be caused by a mistake on the part of the PTO, it is respectfully submitted that no fee is required for this Certificate of Correction under 37 CFR § 1.322. In the event that any fees are required, however, the Commissioner is authorized to charge any fee deficiency, or credit any overpayment of fees, to Deposit Account No. 09-0528.

Please send the Certificate of Correction to:

John J. Timar  
Womble Carlyle Sandridge & Rice, PLLC  
P.O. Box 7037  
Atlanta, GA 30357-0037

Respectfully submitted,

11/5/07  
Date

  
\_\_\_\_\_  
John J. Timar  
Registration No. 32,497

Womble Carlyle Sandridge & Rice, PLLC  
P.O. Box 7037  
Atlanta, GA 30357-0037  
(404) 888-7412 (Telephone)  
(404) 870-2405 (Facsimile)  
Docket No.: S243 1020.4

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 6,991,024

APPLICATION NO.: 10/607,615

ISSUE DATE : January 31, 2006

INVENTOR(S) : Kenneth E. Goodman, Chuan-Hua Chen, David E. Huber, Linan Jiang, Thomas W. Kenny, Jo Mo Koo,  
James C. Mikkelsen, Juan G. Santiago, Evelyn Ning-Yi Wang, Shulin Zeng, and Lian Zhang

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claim 1, Line 1, "hear" should be changed to --heat--

Claim 1, Line 9, insert the word --substrate-- between the words "the" and "to"

Claim 2, Line 1, "hear" should be changed to --heat--; "the" should be changed to --to--

Claim 2, Line 2, "having" should be changed to --varying--

Claim 3, Line 1, "beat-generating" should be changed to --heat-generating--

Claim 4, Line 1, "neat" should be changed to --heat--

Claim 31, line 1, "neat" should be changed to --heat--; "neat-generating" should be changed to --heat-generating--

Claim 40, Line 5, "having" should be changed to --driving--

Claim 44, Line 2, insert the word --is-- between the words "layer" and "fabricated"

Claim 49, Line 3, "to" should be changed to --the--

Claim 49, Line 13, "to" should be changed to --the--

Claim 51, Line 7, "comment" should be changed to --connect--

Claim 58, Line 2, "neat" should be changed to --heat--

Claim 78, Line 3, "much" should be changed to --such--

Claim 94, Line 1, "94" should be changed to --93--

Claim 102, Line 4, "die" should be changed to --the--

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

Womble Carlyle Sandridge & Rice, PLLC  
P. O. Box 7037  
Atlanta, GA 30357-0037

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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